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Application No. 10/811,249
Attorney Docket No: 25307A

OCT 17 2006

IN THE CLAIMS

1. (Currently Amended) A method of forming a preform for a muffler having a predetermined shape comprising the steps of:

texturizing continuous glass strands by separating said continuous glass strands into individual glass fibers prior to feeding said glass fibers into a preform mold having a predetermined shape of a muffler,

feeding sugar and said glass fibers into a said preform mold having a predetermined shape of a muffler;

heating said preform mold to a temperature sufficient to melt said sugar, said melted sugar adhering to said glass fibers to form sugar-coated glass fibers; and

cooling said preform mold to bind said sugar-coated glass fibers together and form said preform.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Previously Presented) The method of claim 1, wherein said predetermined shape of said preform mold has a shape corresponding to a shape of an automobile muffler.

6. (Original) The method of claim 1, further comprising the step of:
removing said preform from said preform mold.

7. (Original) The method of claim 1, wherein said sugar is a sugar having a melting point of 130 °F or greater.

8. (Original) The method of claim 1, wherein said preform mold is perforated.

9. (Original) The method of claim 8, wherein said heating step comprises passing heated air through said preform mold for a period of time sufficient to at least partially caramelize said sugar.

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10. (Original) The method of claim 8, wherein said cooling step comprises passing cool air through said preform mold.
11. (Currently Amended) A method of forming a preform comprising the steps of:
placing a sugar binder on internal walls of a preform mold prior to adding continuous glass strands to said preform mold;
texturizing said continuous glass strands by separating said continuous glass strands into individual glass fibers prior to adding said texturized glass strands to said preform mold,
adding said texturized continuous glass strands to said preform mold; and
curing said ~~binder~~ sugar to bond glass fibers positioned adjacent to said internal walls together and form said preform, said bonded glass fibers forming an encapsulating shell of bound glass fibers surrounding internal unbound glass fibers within said preform.
12. (Currently Amended) The method claim 11, wherein said ~~binder is a sugar~~ having has a melting point of 130 °F or greater.
13. (Previously Presented) The method of claim 12, wherein said curing step comprises the steps of:
heating said preform mold to a temperature sufficient to at least partially melt said sugar, said melted sugar adhering to said glass fibers adjacent to said internal walls to form sugar-coated glass fibers; and
cooling said preform mold to bind said sugar-coated glass fibers together and form said preform.
14. (Original) The method of claim 13, further comprising the step of:
heating said preform mold prior to placing said sugar on said internal walls.
15. (Canceled)
16. (Original) The method of claim 11, further comprising the step of:
removing said preform from said preform mold.
17. – 20. (Canceled)